

ABSTRACT OF THE DISCLOSURE

The subject of the invention is ready-to-use compositions for the oxidation dyeing of keratin fibers, and in particular human keratin fibers such as the hair, comprising, in a medium which is suitable for dyeing, at least one oxidation base chosen from para-phenylenediamines, double bases, para-aminophenols and heterocyclic bases, at least one enzyme of 2-electron oxidoreductase type in the presence of at least one donor for the enzyme, and at least one enzymatic mediator, and the oxidation dyeing processes using these compositions.